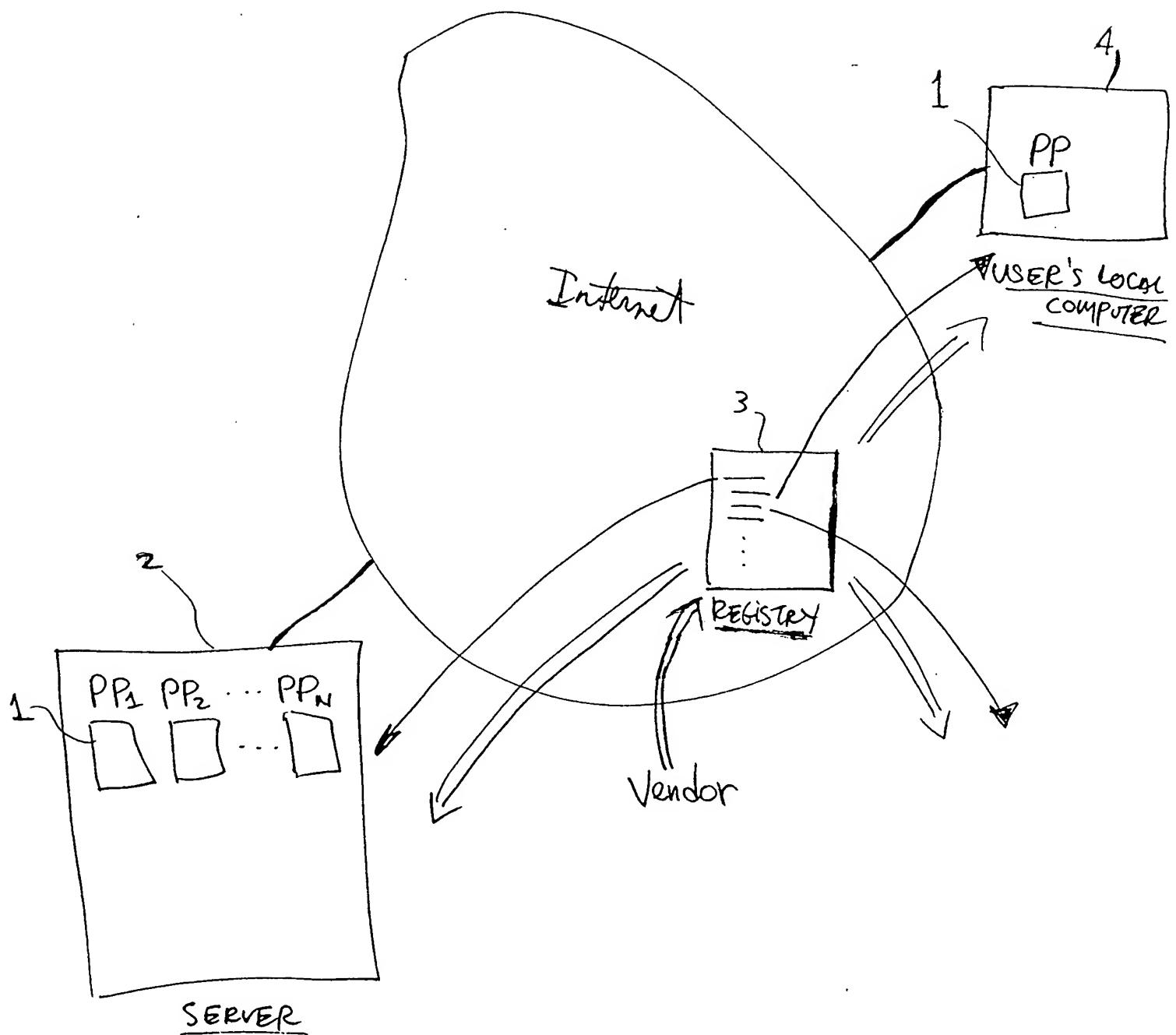


FIG. 1A



PP = personal page

→ indicates network address  
↔ indicates software access

PP = personal page  
VS = vendor site

S = vendor site  
BR = Bidding Rule

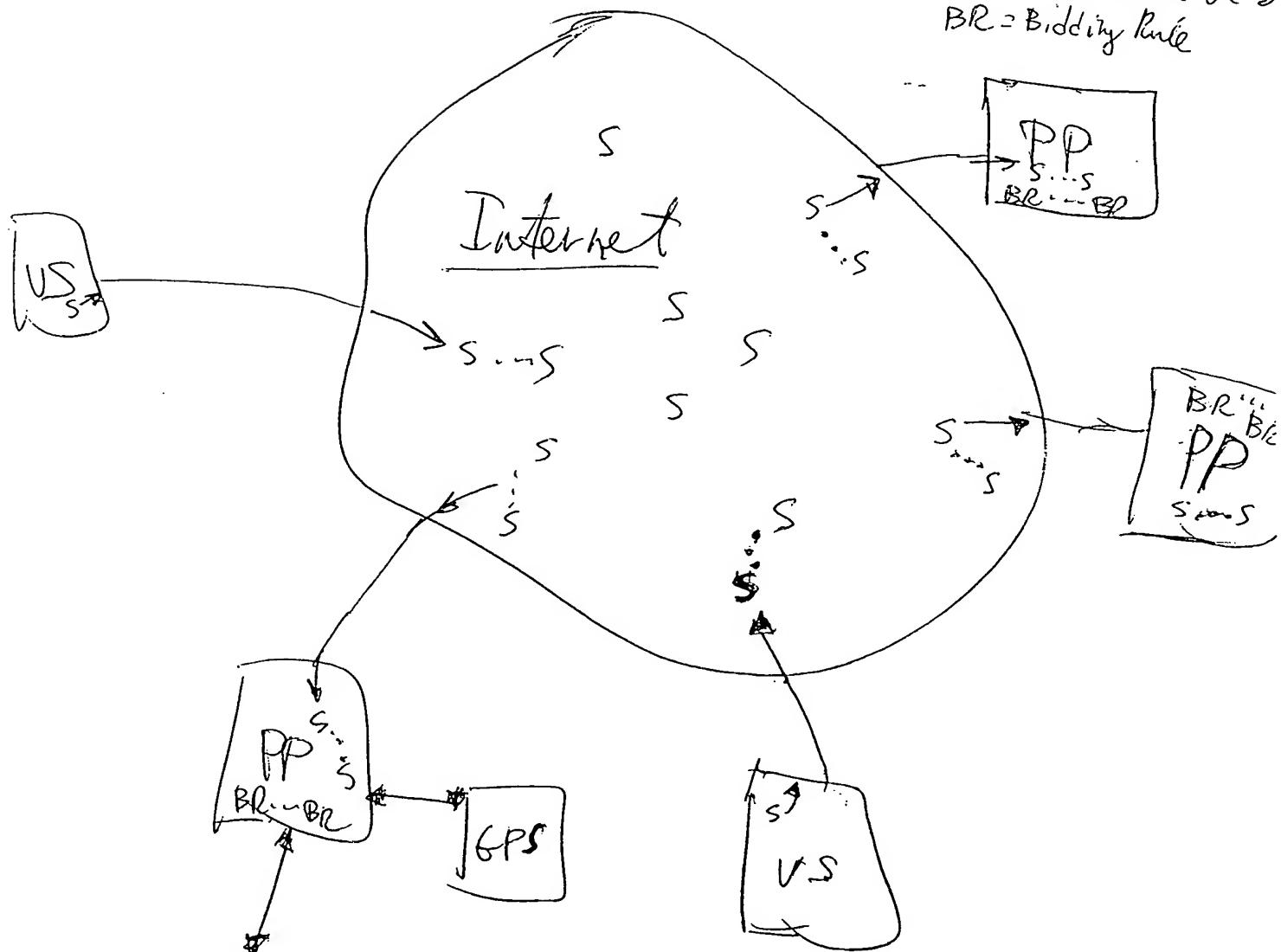


Fig 1B

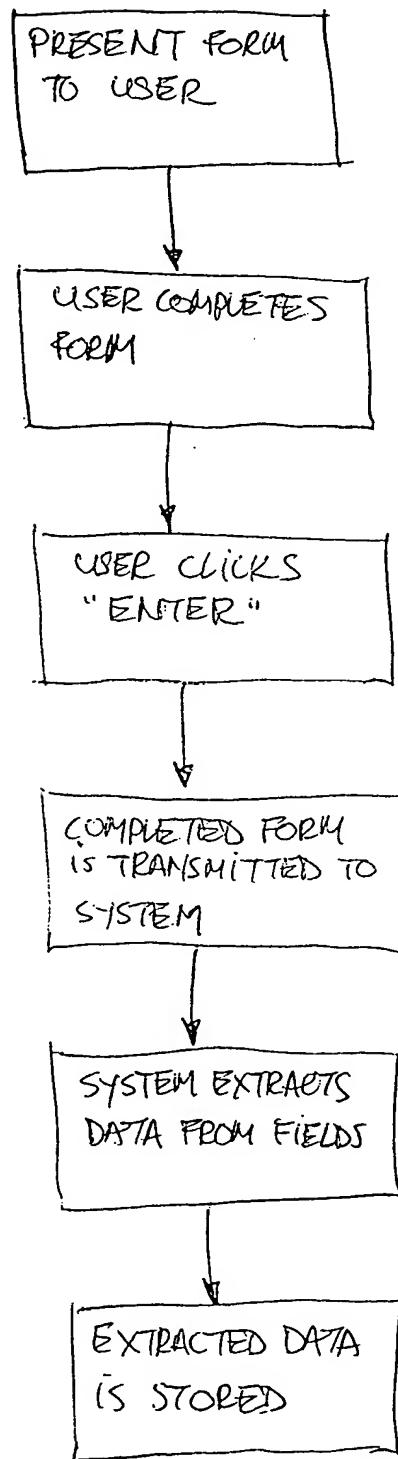


Fig 2

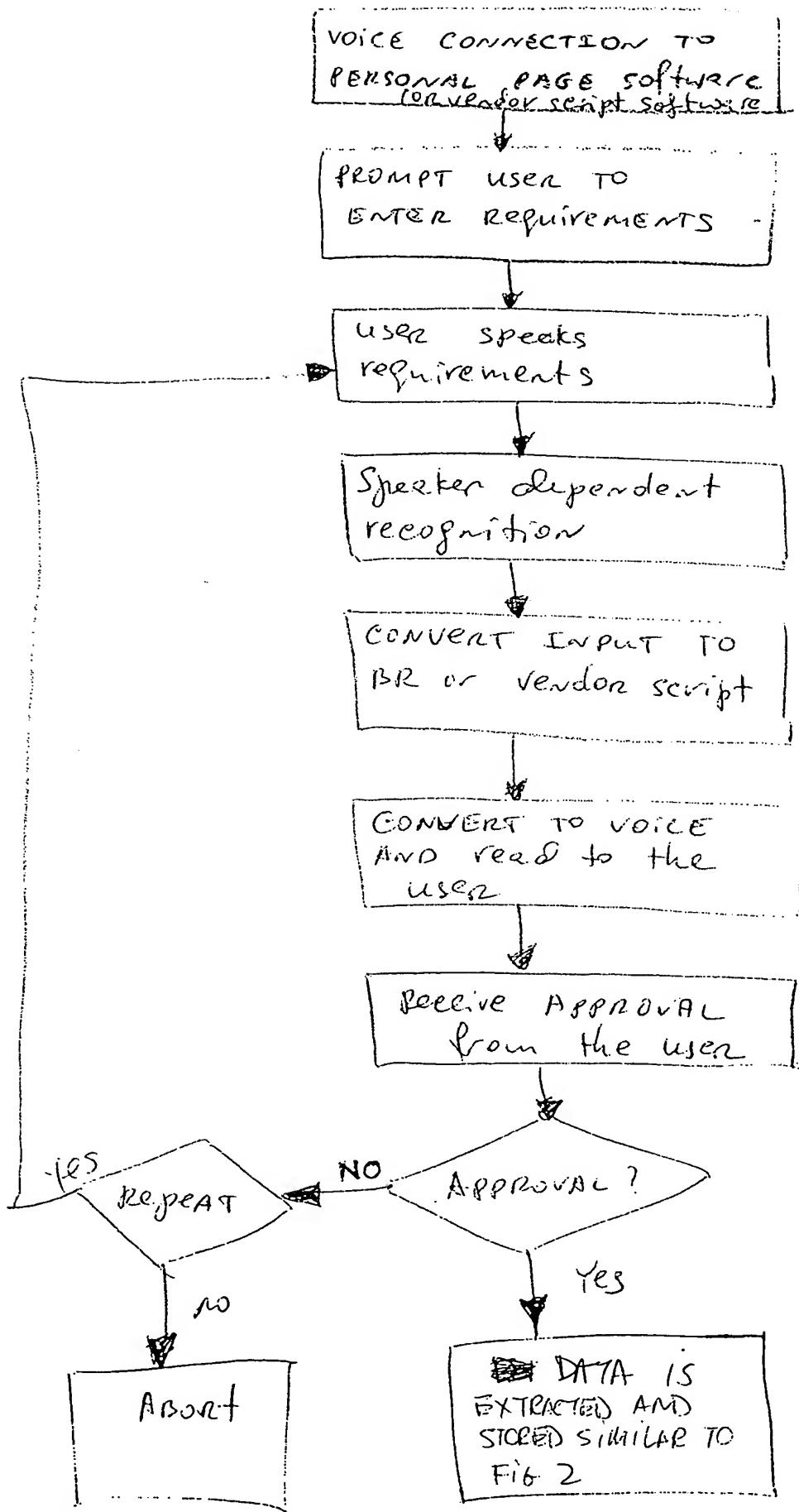


Fig 3

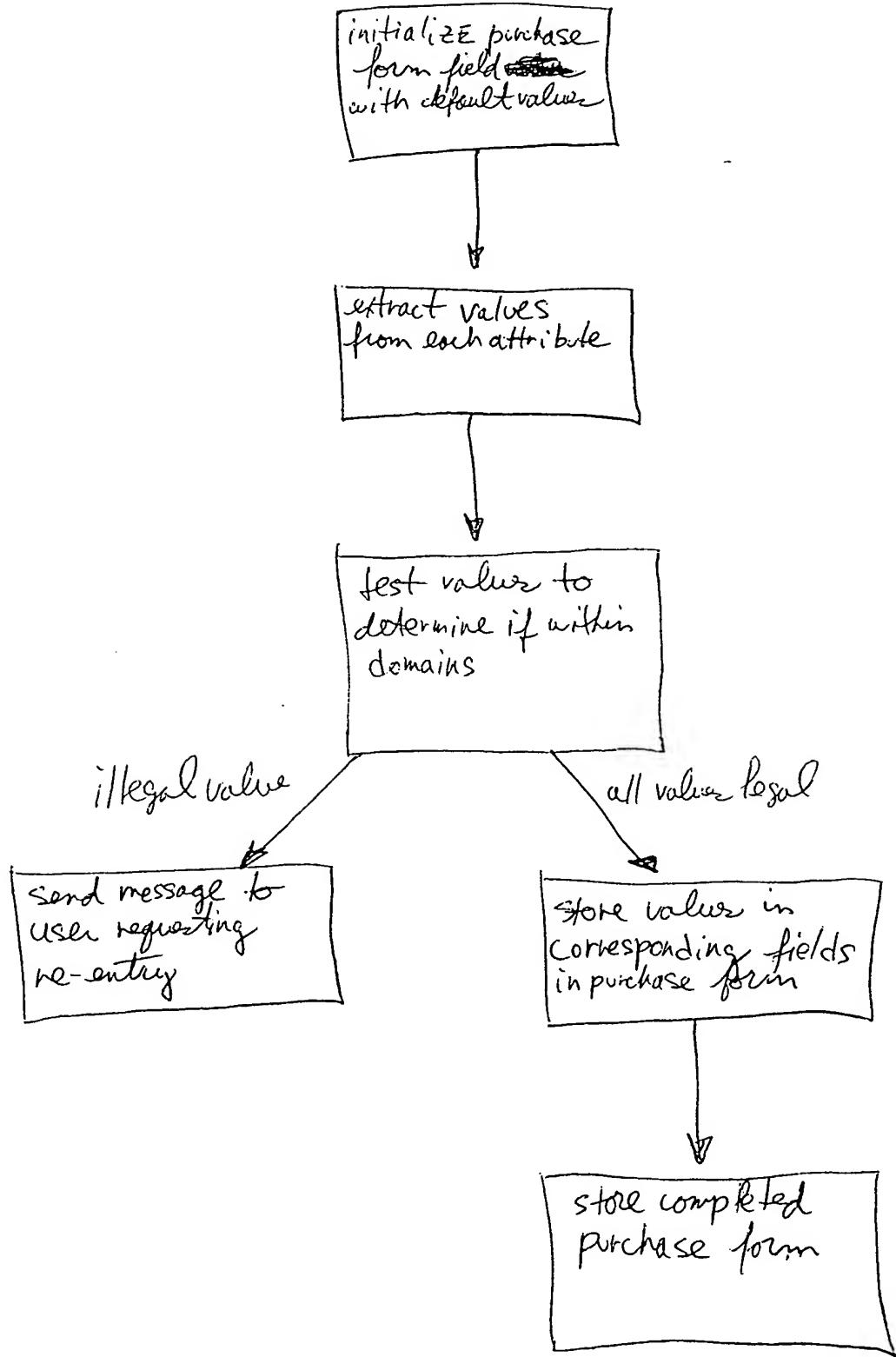


FIG 4

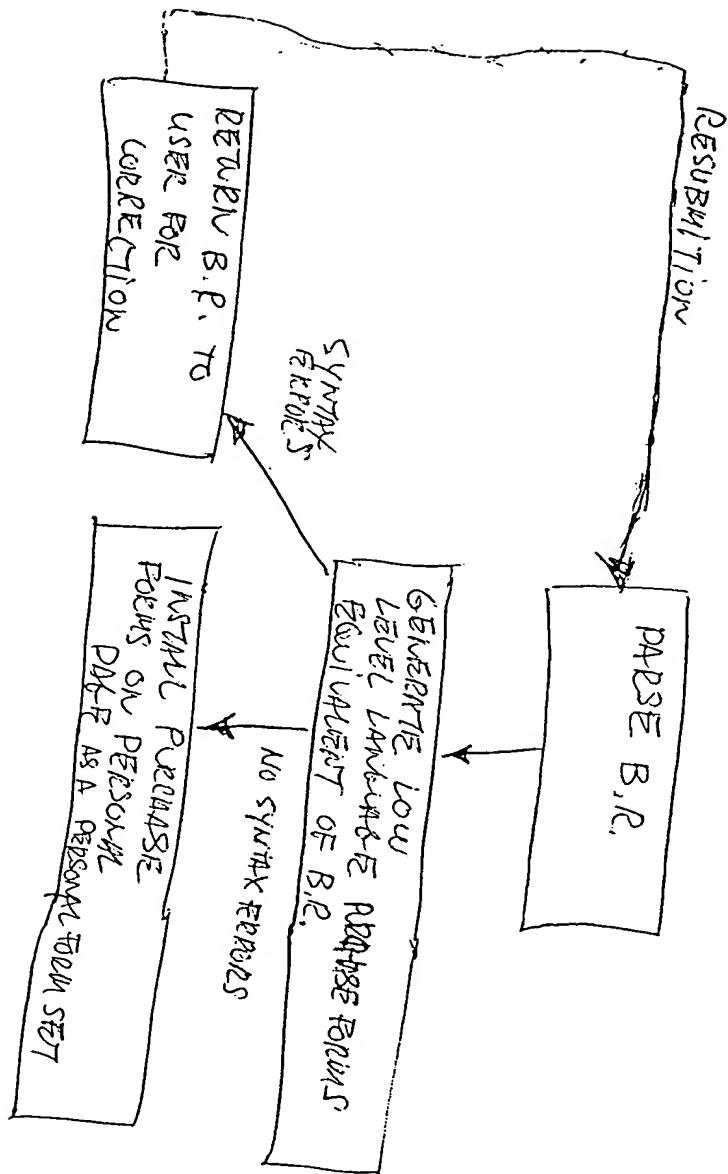


Fig 5

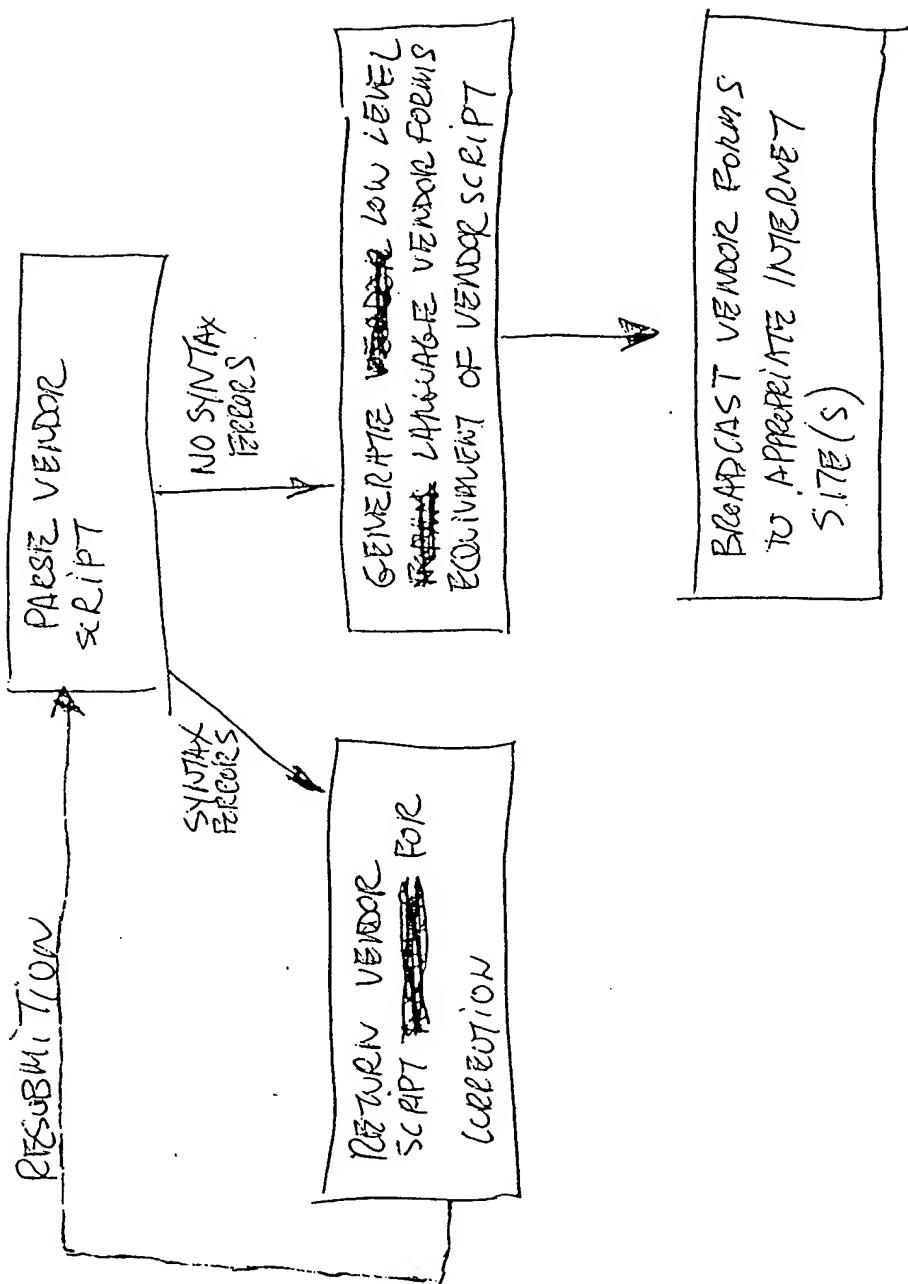


Fig 6

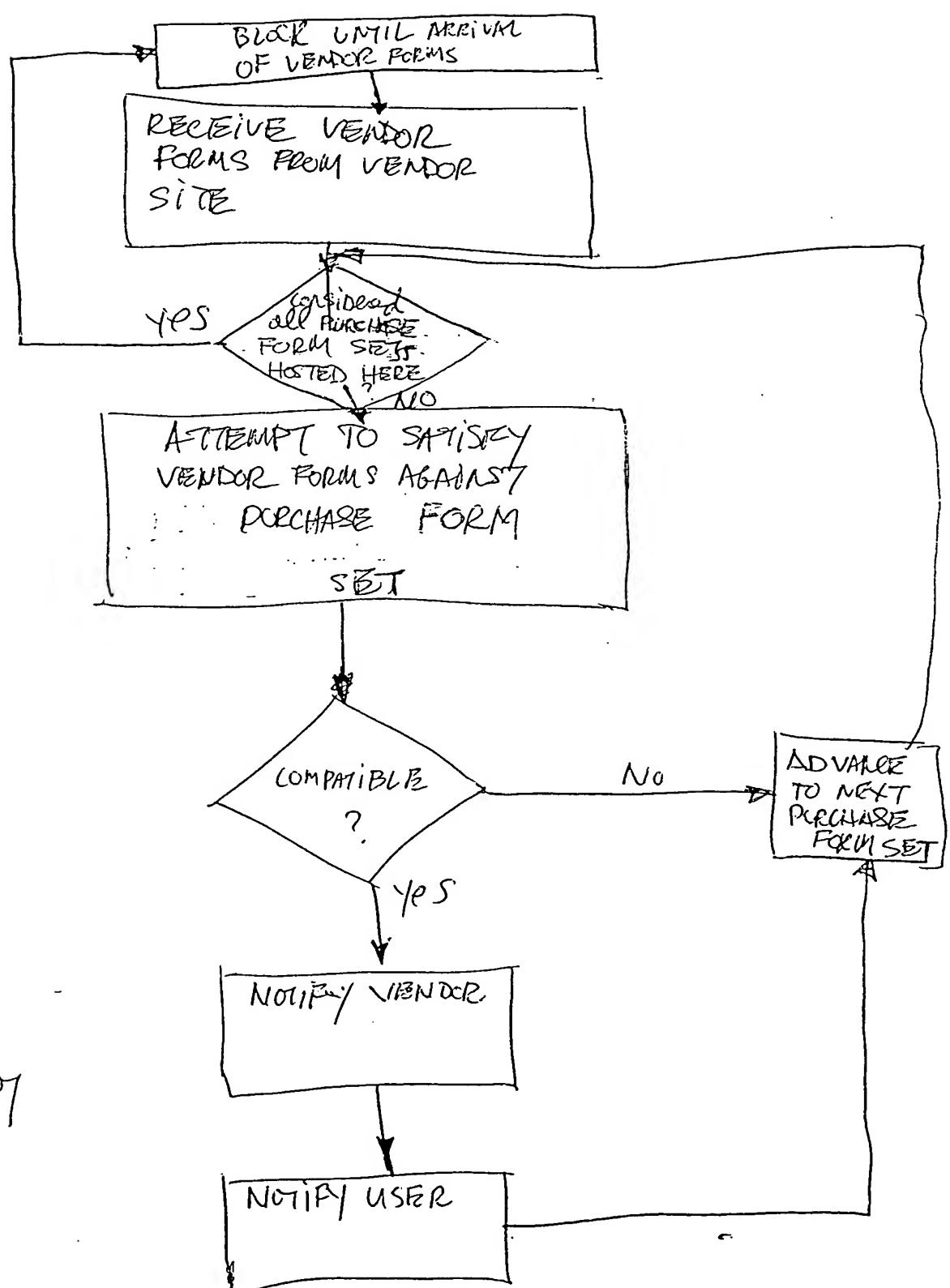


Fig 7

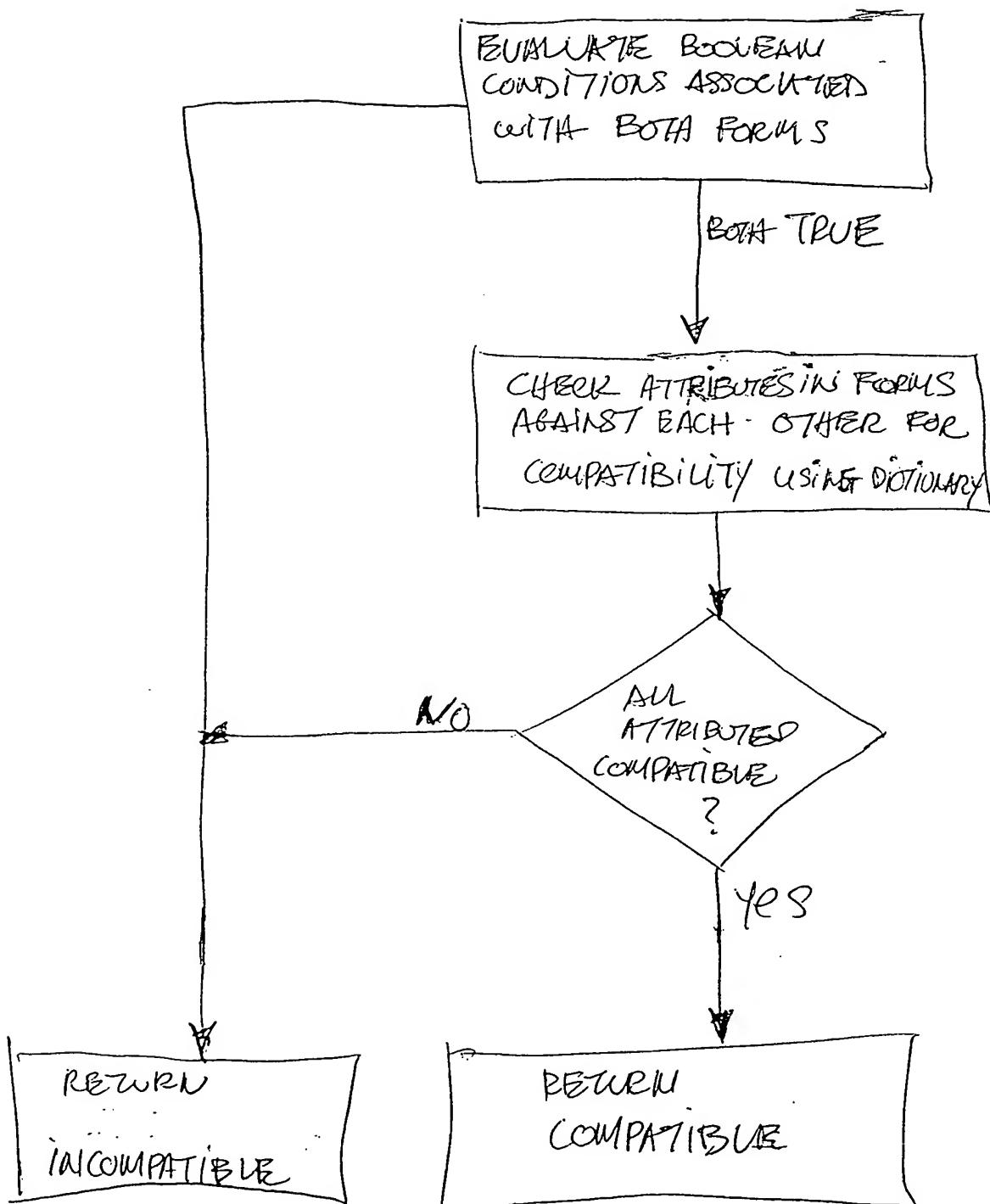


Fig 8

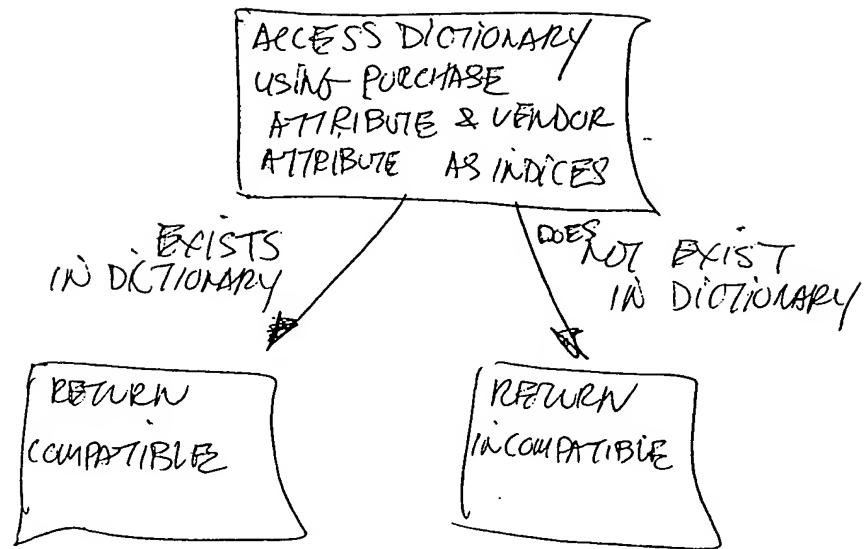


Fig 9

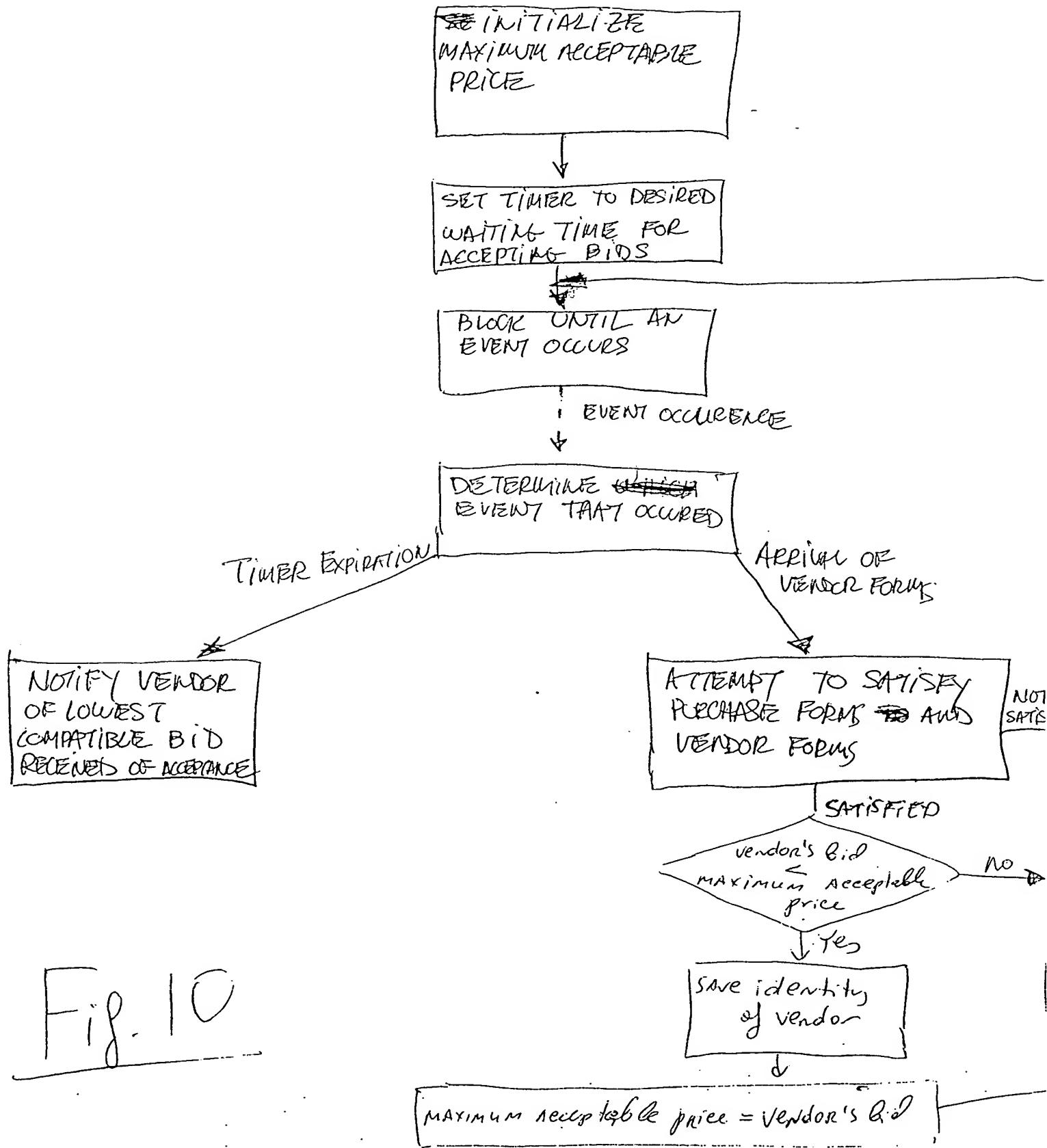
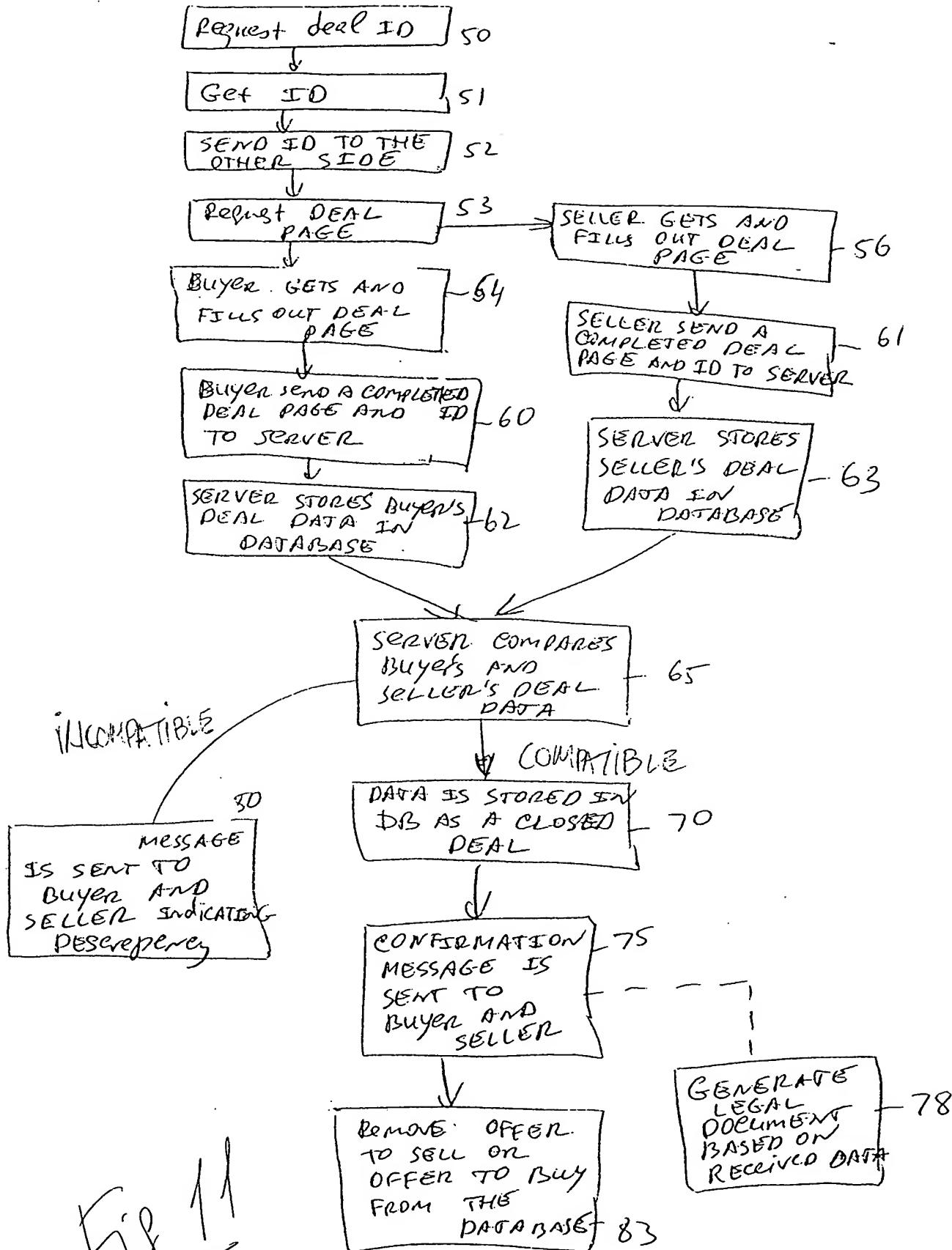


Fig. 10



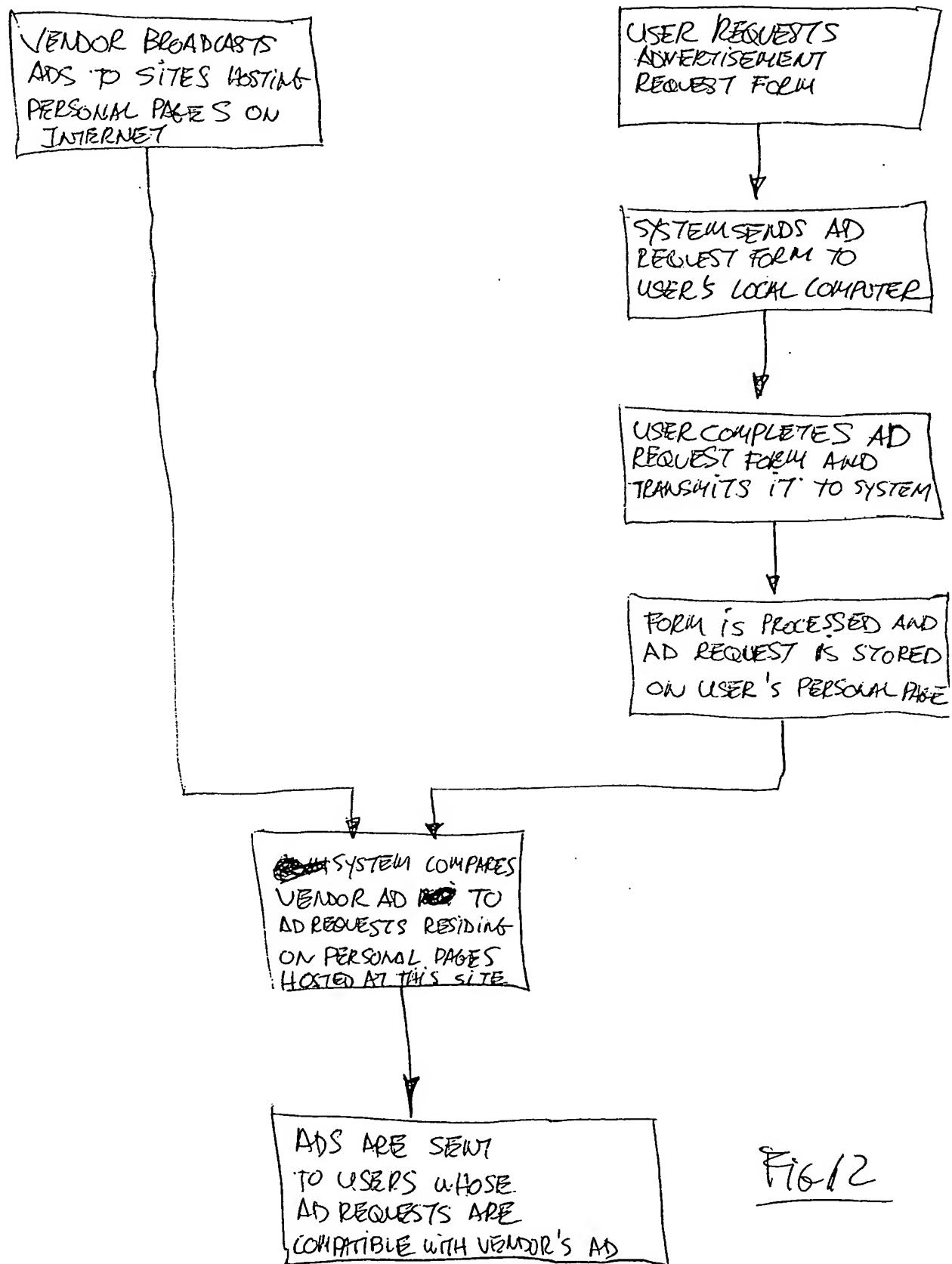


Fig 12

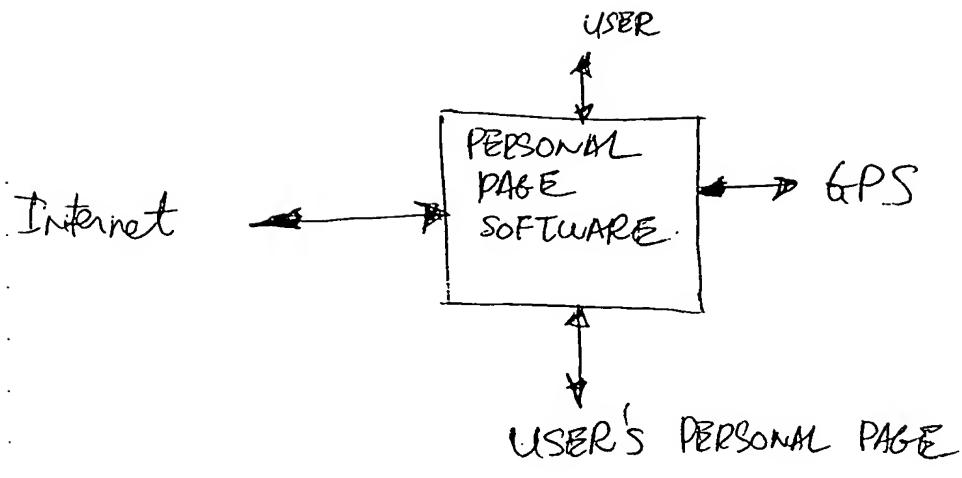


Fig. 13

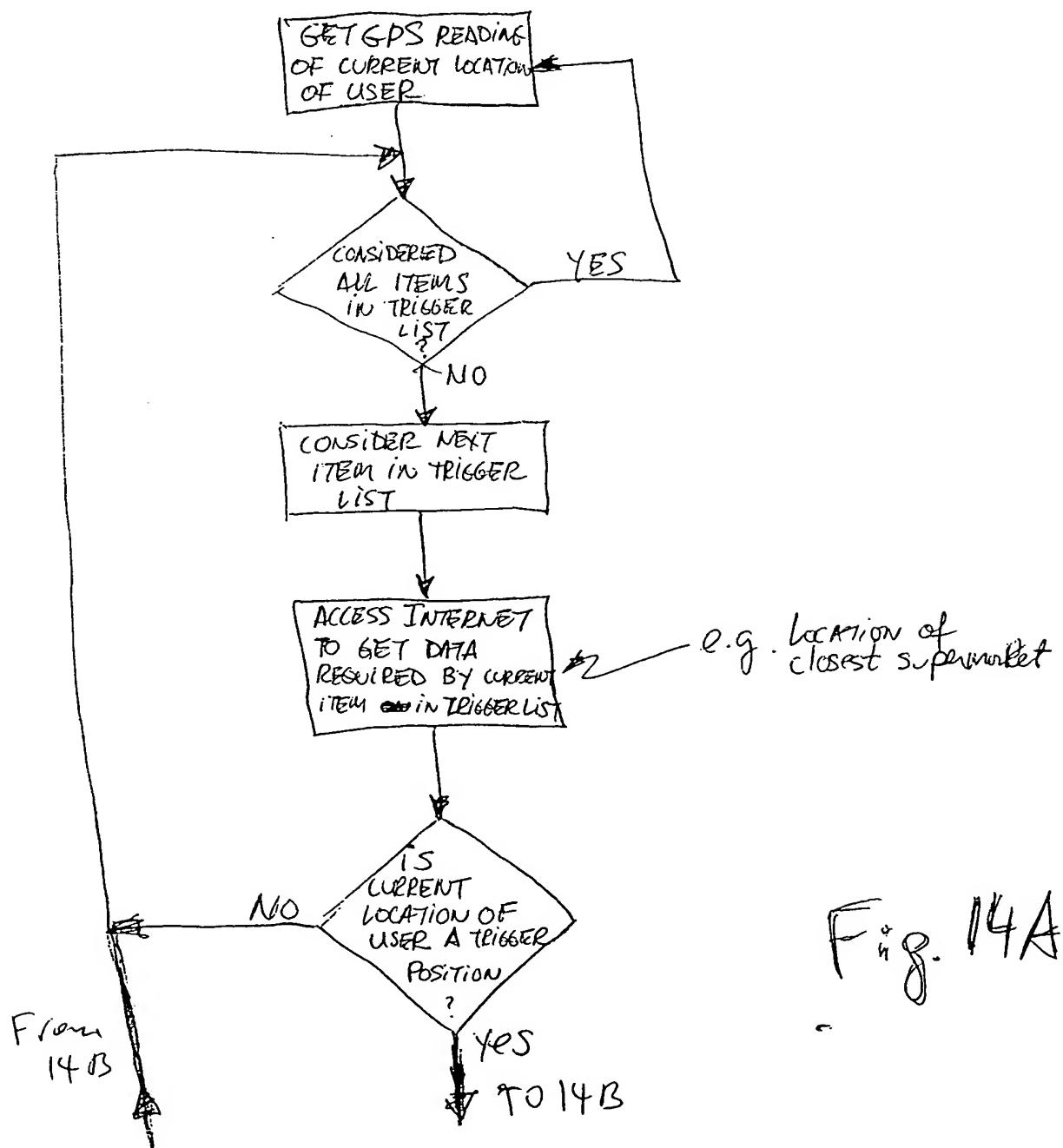


Fig. 14A

6) cont.

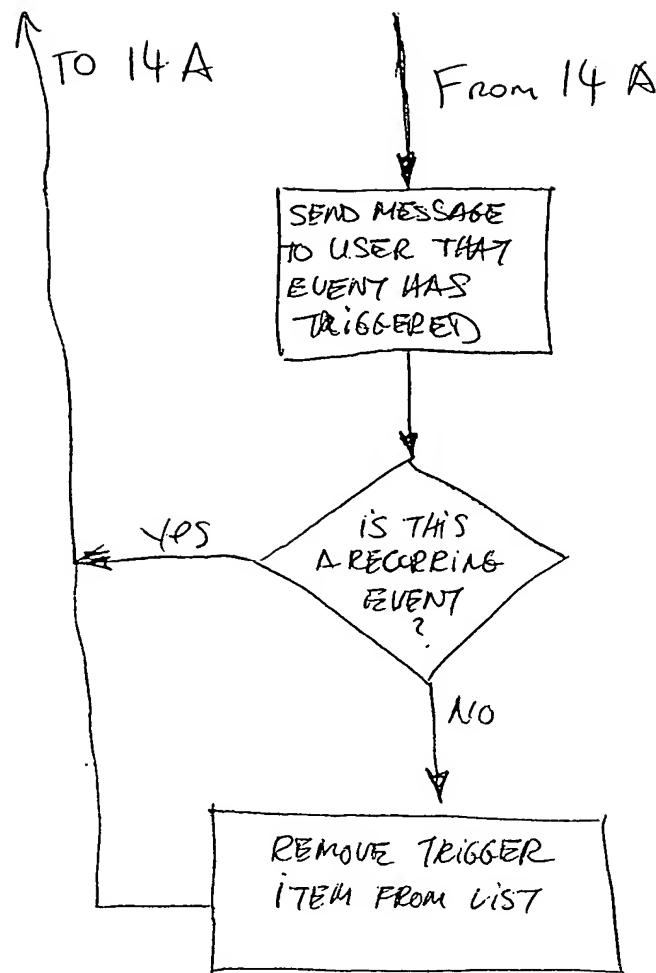
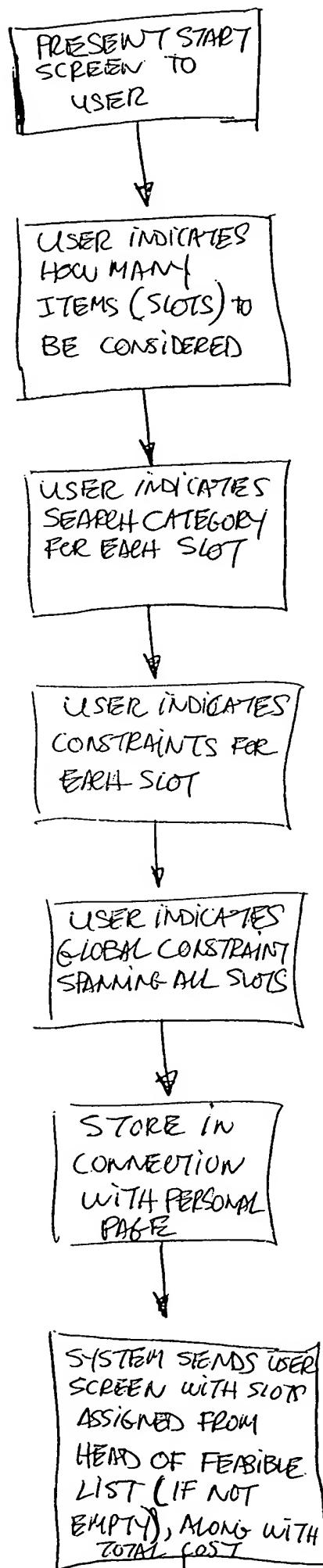


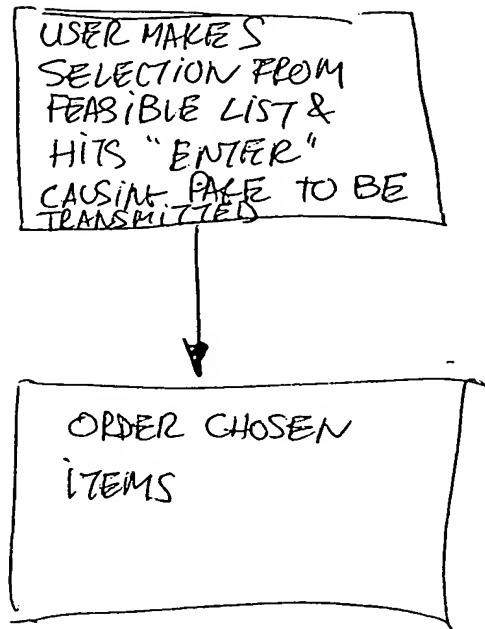
Fig 14 B



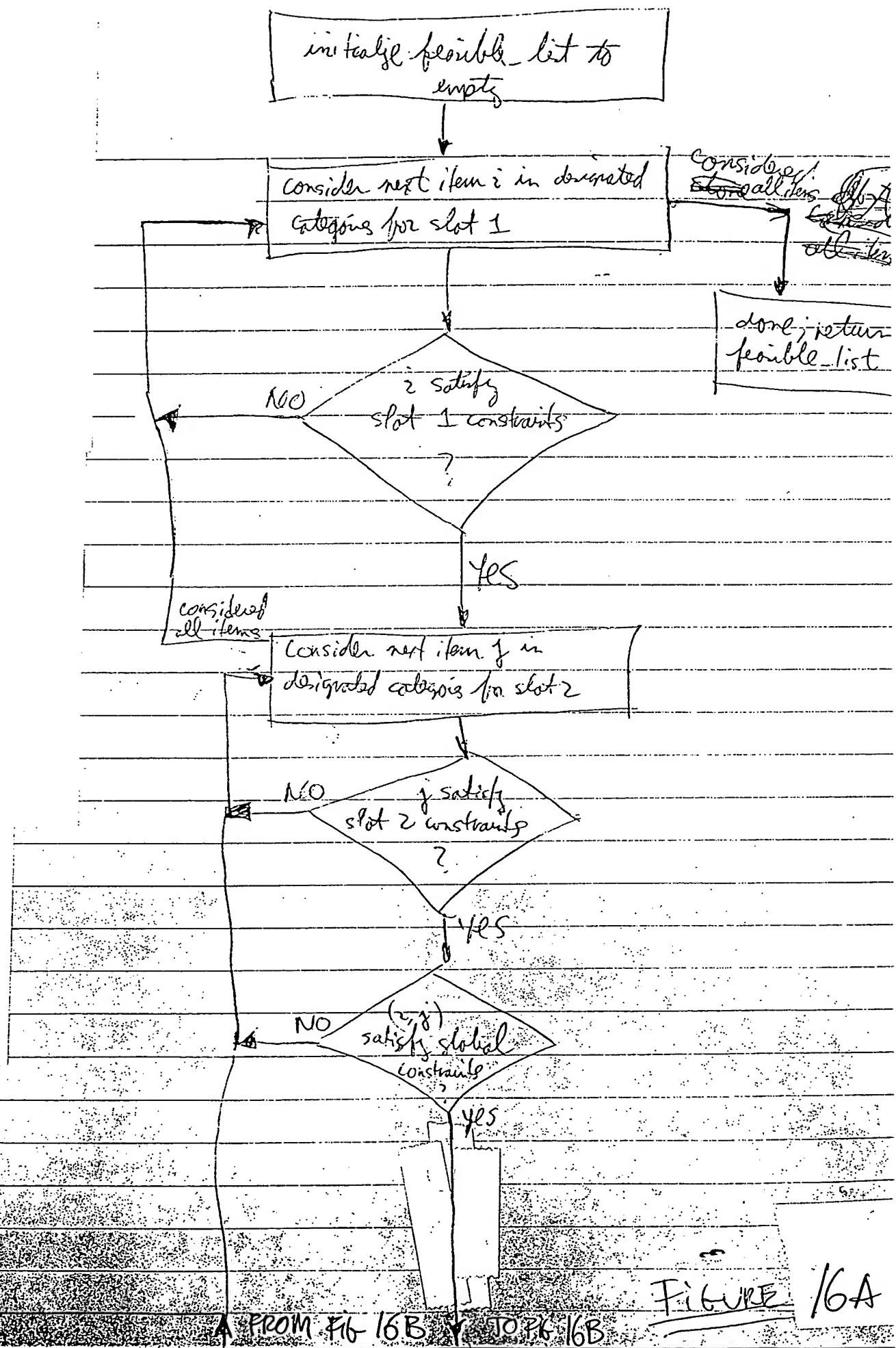
↓ TO FIG 15B

FIG 15A

PROM PIG. 15A



P16. 15B



TO FIG. 16A

FROM FIG. 16A

Insert  $(i, j)$  into  
feasible-list using  
 $\text{cost}(i, j)$  or  
priority

no

feasible-list

full  
?

yes

NO

$\text{cost}(i, j)$

$\text{cost}(\text{tail})$

?

Yes

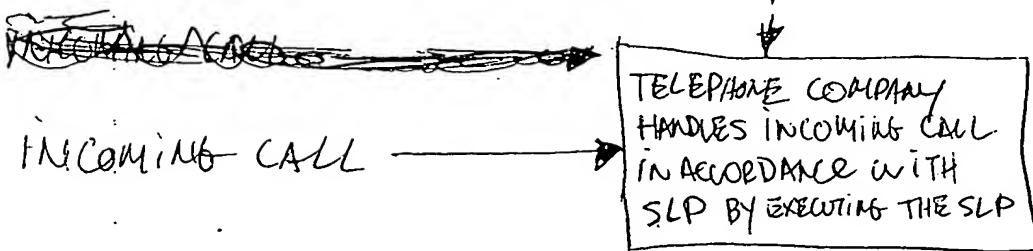
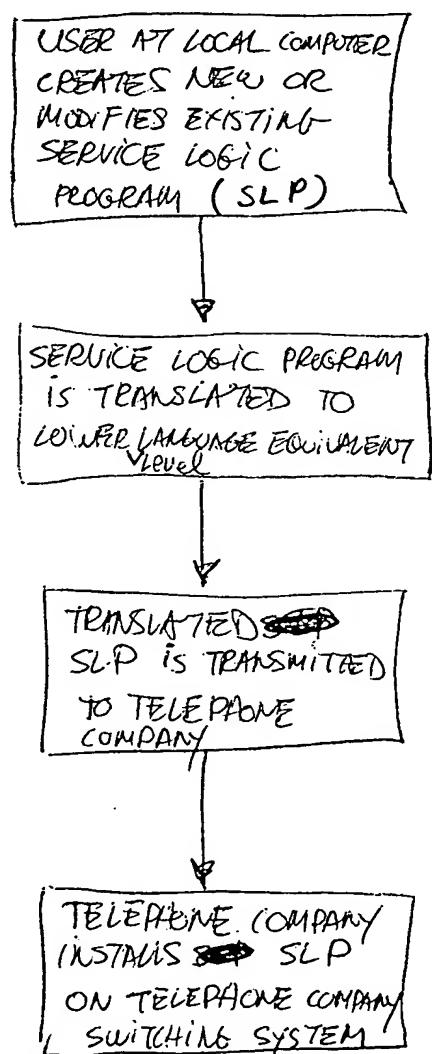
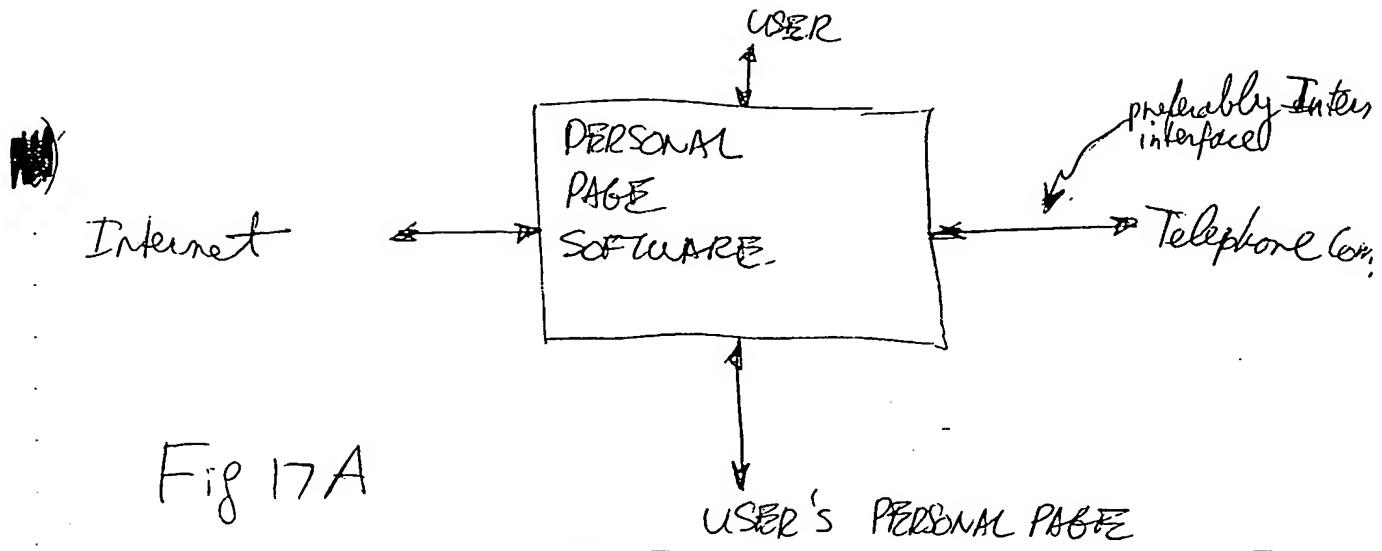
delete tail  
of feasible-list

Figure 16B

```

feasible_list = empty;           // priority queue; cost(a,b) is priority
for (i ranging over items in its designated categories)
    if (i satisfies slot 1 constraint)
        for (j ranging over items in its designated categories)
            if (j satisfies slot 2 constraint)
                if ((i,j) satisfies global constraint)
                    if feasible list not full
                        and old cost(i,j)
                            insert (i,j) into feasible list;
                    else if (cost(i,j) < cost (tail))
                        {
                            delete tail from feasible list;
                            insert (i,j) into feasible list;
                            and old cost(i,j)
                        }
                return (feasible_list);

```



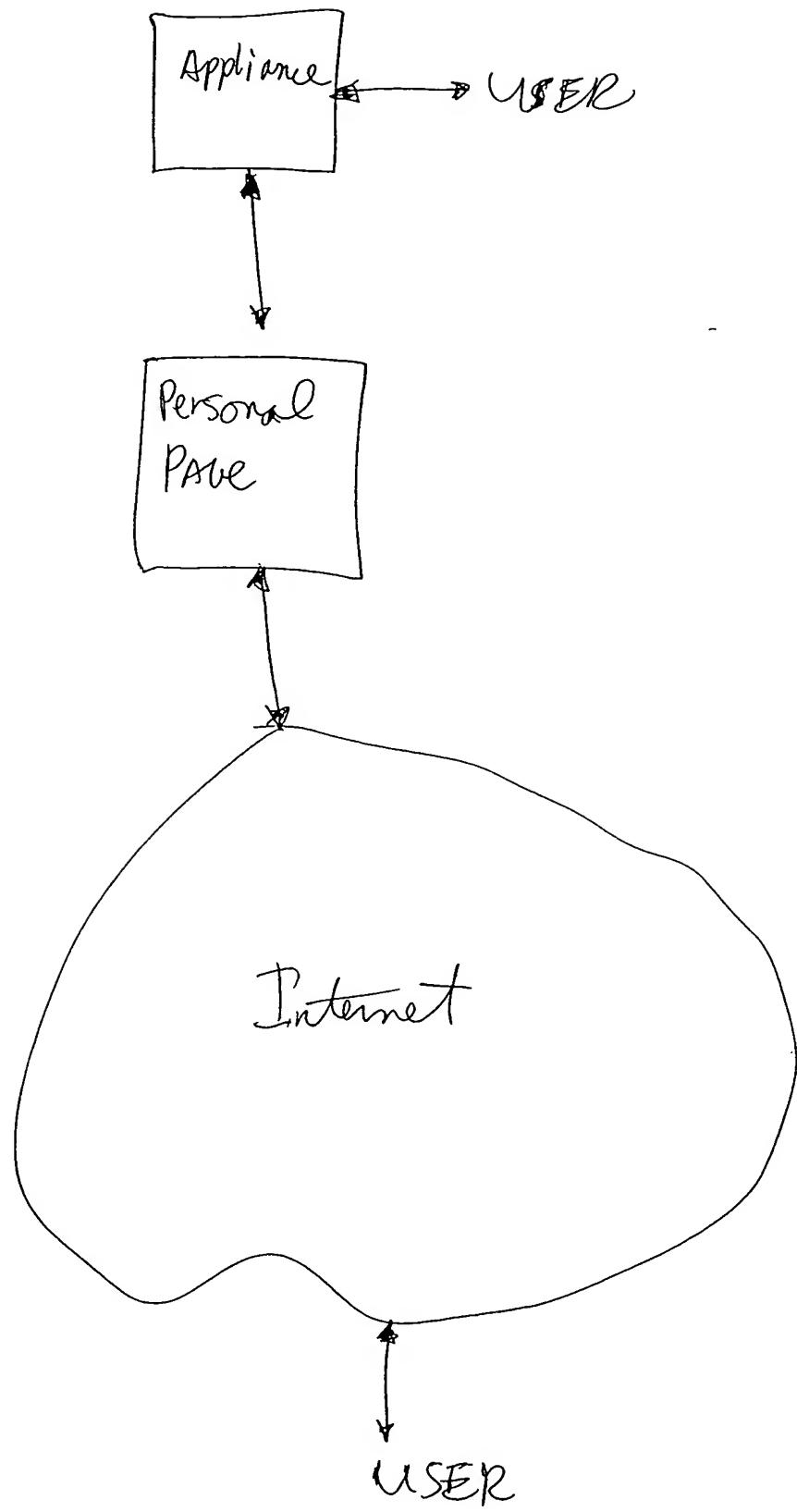


Fig. 18

BR

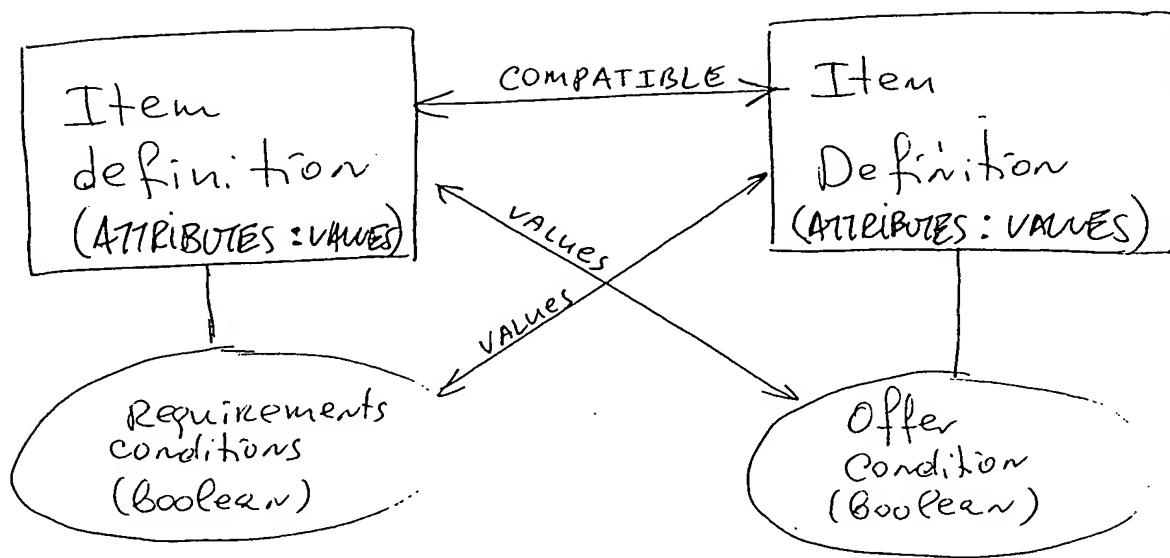


Fig. 19

{ ACCEPT\_BQ || ACCEPT\_VENDOR\_SCRIPT || MATCHMASTER || SERVICE\_ACTIVITY\_LIST  
|| SERVICE\_SCRIPT\_LIST }

Fig. 20

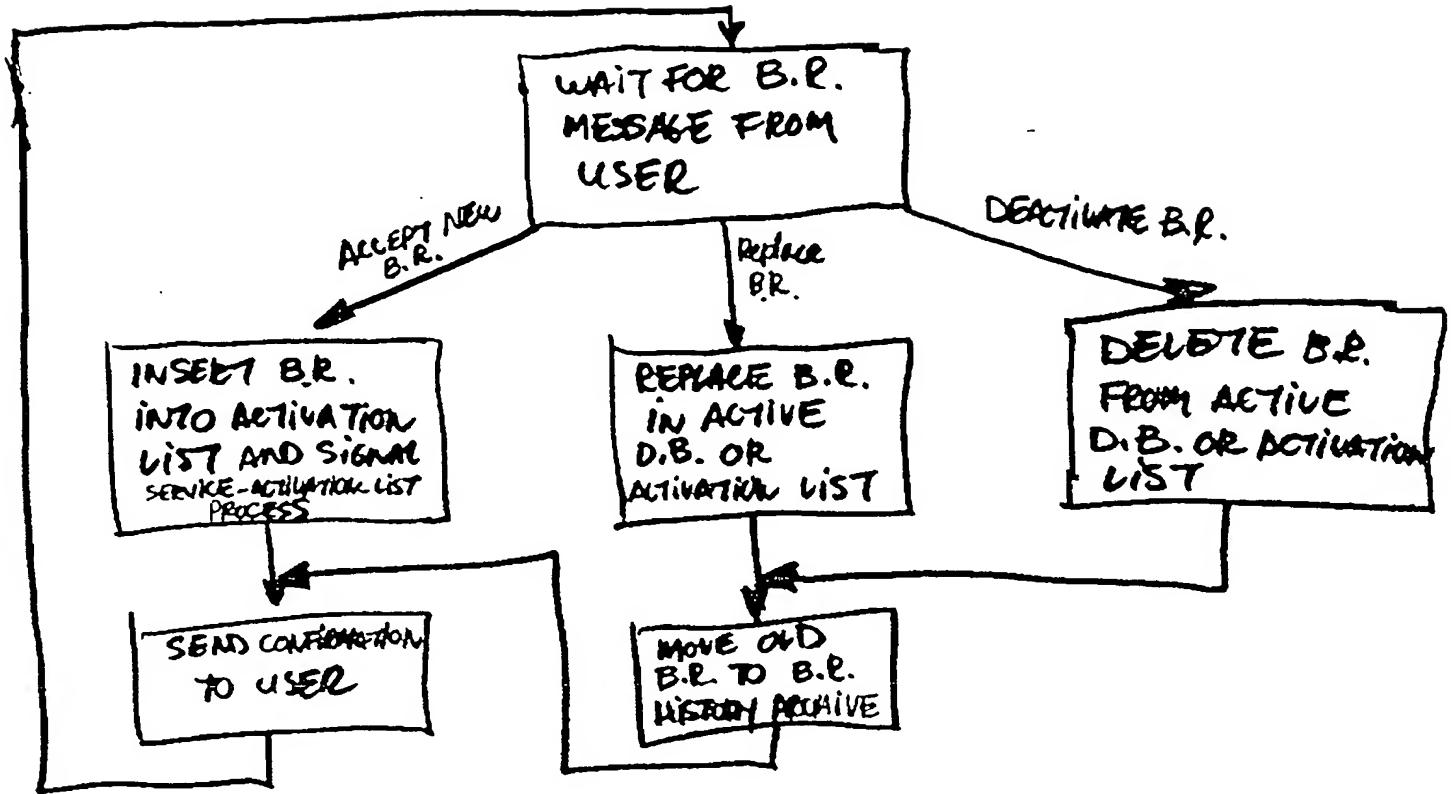


Fig. 21

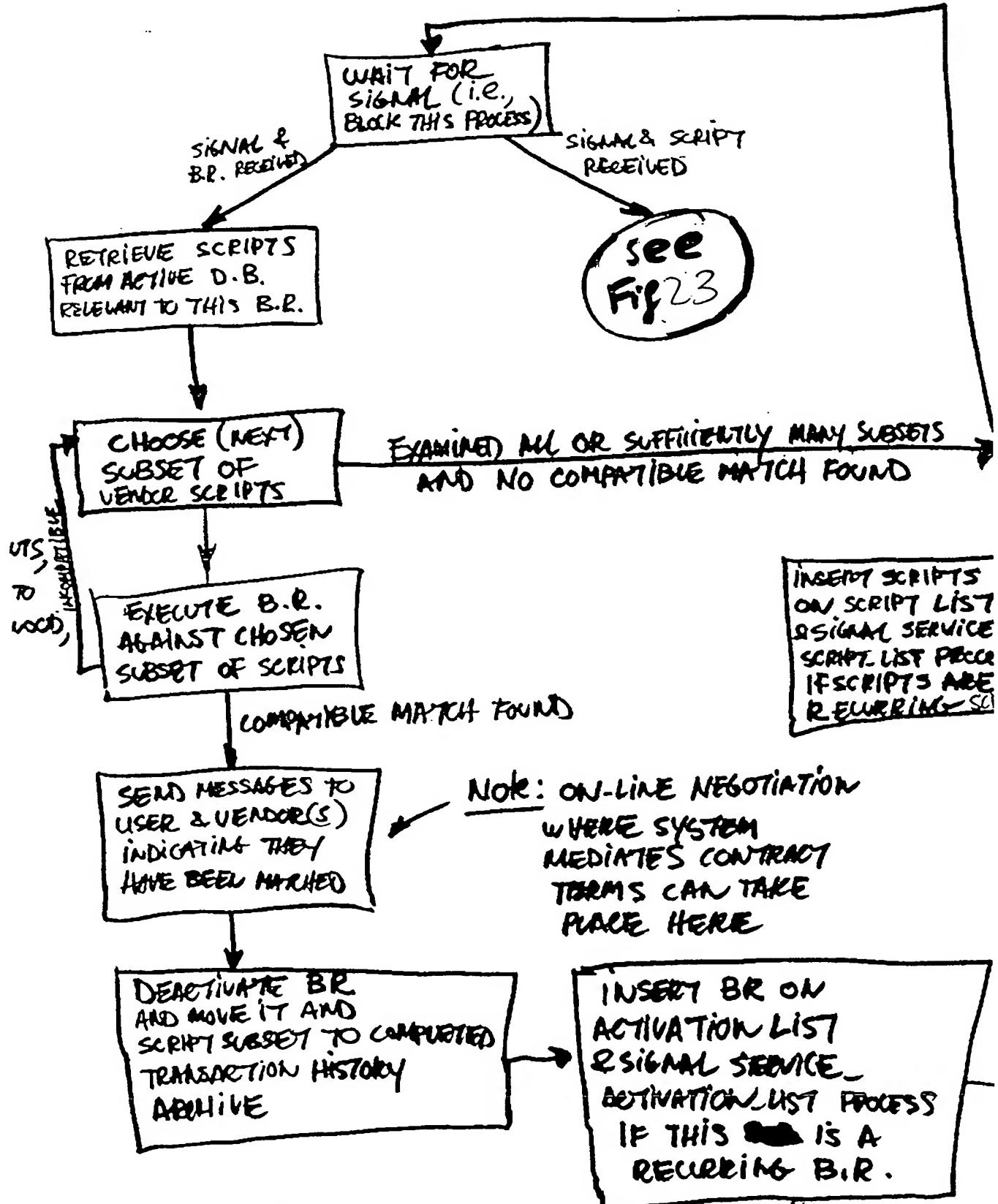


Fig. 22

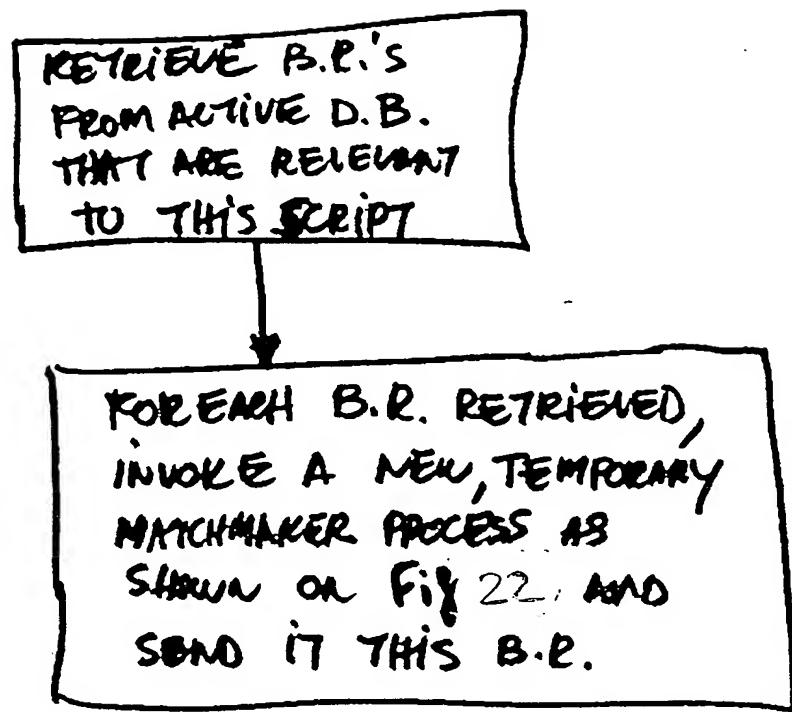


Fig 23

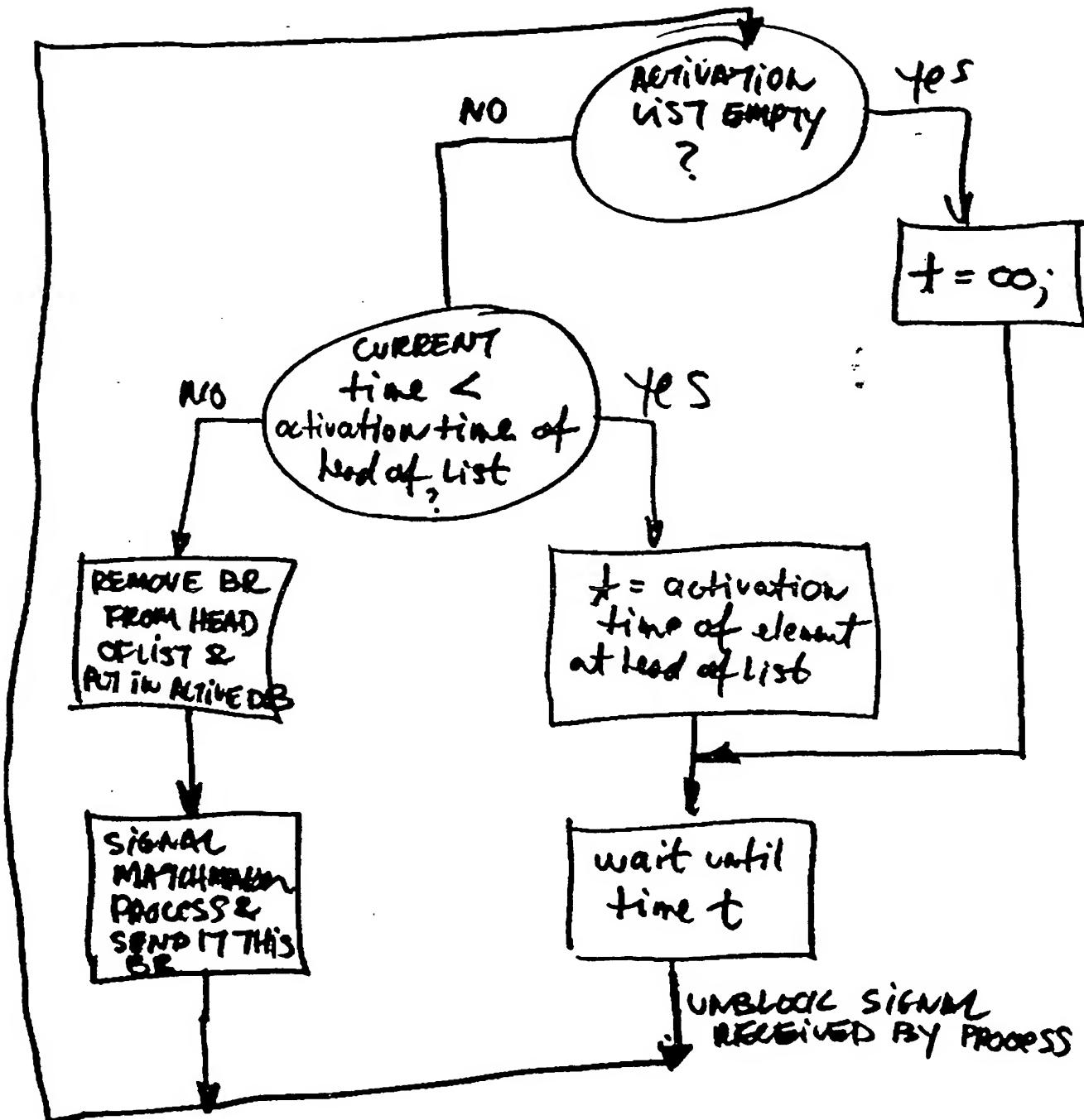


Fig 24